

AMENDMENTS TO THE CLAIMS

Claims 1-14 (Canceled)

Claim 15 (Currently Amended) A file name generation apparatus ~~that which~~ generates a file name, said file name generation apparatus comprising:

an identifier generation unit operable to generate ~~a globally unique~~ an identifier that ~~which~~ includes (i) information ~~for~~ identifying a chronological order in which a file is created and (ii) information ~~for~~ identifying a hardware ~~that which~~ creates the file;

a calculation unit operable to calculate a hash value ~~of from the generated globally unique identifier generated by said identifier generation unit,~~ the hash value being represented by N characters, which are alpha-numeric characters that are usable for a file name of the file;

a number issue unit operable to issue a number when ~~the each~~ file is created; and

a file name generation unit operable to generate ~~a the~~ file name ~~which includes,~~ the file name including (i) the hash value represented by the N alpha-numeric characters calculated by ~~said calculation unit~~ and (ii) the number issued by said number issue unit,

wherein said calculation unit calculates the hash value by (i) dividing the identifier into a plurality of blocks, each block having N bytes, (ii) calculating an arithmetic operation value having N bytes by performing a predetermined arithmetic operation on the plurality of blocks, and (iii) setting the hash value represented by the N alpha-numeric characters to a remainder calculated by dividing the arithmetic operation value by a predetermined value.

Claim 16 (Currently Amended) The file name generation apparatus according to Claim 15, wherein said identifier generation unit is operable to generate the ~~globally unique~~ identifier ~~so as to~~ further include (i) ~~at least~~ one of a date and a time when the file is created, and a serial number representing the chronological order in which the file is created, and (ii) ~~at least one of a serial number of said file name generation apparatus, and~~ a serial number of a storage medium in which the file is stored.

Claim 17 (Currently Amended) The file name generation apparatus according to Claim 15, wherein said identifier generation unit is operable to generate the ~~globally unique~~ identifier ~~so as to~~ further include (i) ~~at least one of a date and a time when the file is created, and~~ a random number generated when the file is created, and (ii) ~~at least~~ one of a serial number of said file name generation apparatus, and a serial number of a storage medium in which the file is stored.

Claim 18 (Currently Amended) The file name generation apparatus according to Claim 15, wherein ~~said calculation unit is operable to calculate~~ the hash value is calculated such that the hash value is represented by an alpha-numeric character in ~~base-N~~ base-L notation, where ~~N~~ L is larger than 10.

Claim 19 (Currently Amended) The file name generation apparatus according to Claim 15, wherein ~~said calculation unit is operable to calculate~~ the hash value is calculated such that the hash value is represented by two alpha-numeric characters,

~~wherein said number issue unit is operable to issue the number issued by said number~~
~~issue unit such that the number~~ is represented by four alpha-numeric characters, and

~~wherein said file name generation unit is operable to generate the generated file name so~~
~~as to include~~ includes (i) the ~~two-character~~ hash value represented by the two alpha-numeric
characters calculated by said calculation unit and (ii) the ~~four-character~~ number issued by said
number issue unit represented by the four alpha-numeric characters.

Claim 20 (Cancelled)

Claim 21 (Currently Amended) The file name generation apparatus according to Claim 15,

~~wherein said calculation unit is operable to calculate the hash value is calculated~~ such
that the hash value is represented by two alpha-numeric characters,

~~wherein said number issue unit is operable to issue the number issued by said number~~
~~issue unit such that the number~~ is represented by four alpha-numeric characters, and

~~wherein said file name generation unit is operable to generate the generated file name so~~
~~as to include~~ includes (i) the ~~two-character~~ hash value represented by the two alpha-numeric
characters calculated by said calculation unit, (ii) the ~~four-character~~ number issued by said
number issue unit represented by the four alpha-numeric characters, and (iii) a channel number-
~~which~~ that is represented by two alpha-numeric characters.

Claim 22 (Cancelled)

Claim 23 (Currently Amended) The file name generation apparatus according to Claim 15 further comprising a storage unit operable to store multimedia data into a storage medium, under using the file name ~~which is~~ generated by said file name generation unit.

Claim 24 (Currently Amended) The file name generation apparatus according to Claim 15, wherein said identifier generation unit is operable to generate, as the identifier, a Unique Material Identifier defined in SMPTE330M standard, ~~as the globally unique identifier~~.

Claims 25-27 (Cancelled)

Claim 28 (Currently Amended) A method for generating a file name, said method comprising:

generating ~~a globally unique~~ an identifier that ~~which~~ includes (i) information ~~for~~ identifying a chronological order in which a file is created and (ii) information ~~for~~ identifying a hardware that ~~which~~ creates the file;

calculating a hash value of from the generated ~~globally unique~~ identifier, the hash value being represented by N characters, which are alpha-numeric characters that are usable for a file name of the file;

issuing a number when the ~~each~~ file is created; and

generating the ~~a~~ file name ~~which includes~~, the file name including (i) the calculated hash value represented by the N alpha-numeric characters and (ii) the issued number,

wherein said calculation of the hash value includes (i) dividing the identifier into a

plurality of blocks, each block having N bytes, (ii) calculating an arithmetic operation value having N bytes by performing a predetermined arithmetic operation on the plurality of blocks, and (iii) setting the hash value represented by the N alpha-numeric characters to a remainder calculated by dividing the arithmetic operation value by a predetermined value.

Claim 29 (Currently Amended) ~~A program, embodied on a~~ computer-readable recording medium having a program recorded thereon, said program for generating a file name, and said program causing a computer to execute a method comprising:

generating a globally unique an identifier that ~~which~~ includes (i) information ~~for~~ identifying a chronological order in which a file is created and (ii) information ~~for~~ identifying a hardware that ~~which~~ creates the file;

calculating a hash value of ~~from~~ the generated ~~globally unique~~ identifier, the hash value being represented by N characters, which are alpha-numeric characters that are usable for a file name of the file;

issuing a number when the ~~each~~ file is created; and

generating the ~~a file name which includes,~~ the file name including (i) the calculated hash value represented by the N alpha-numeric characters and (ii) the issued number,

wherein said calculation of the hash value includes (i) dividing the identifier into a plurality of blocks, each block having N bytes, (ii) calculating an arithmetic operation value having N bytes by performing a predetermined arithmetic operation on the plurality of blocks, and (iii) setting the hash value represented by the N alpha-numeric characters to a remainder calculated by dividing the arithmetic operation value by a predetermined value.